Proceedings of
3rd Global Food Security
Food Safety & Sustainability Conference

May 21 - 22, 2018 | New York, USA
Day 1     May 21, 2018

CONFERENCE HALL: TRIBECA 1

08:15-08:30 Registrations
08:30-09:00 Opening Ceremony

Keynote Forum

Introduction

09:00-09:40  Title: Food security for major urban and metropolitan centers: The convergence of different forms of urban agricultural production in the face of multiple stressors and constraints
Christopher Bryant, University of Guelph, Canada

09:40-10:20  Title: Disposable gloves & flexible packaging in the food industry: An under-appreciated WMD risk
Barry S Michaels, B. Michaels Group Inc, USA

Group Photo

Panel Discussion

Networking & Refreshment Break 10:20-10:40 @ Lobby Lounge

10:40-11:20  Title: Food security indicators, strategies and policies for the Middle East and North Africa Region
Eihab Fathelrahman, United Arab Emirates University, UAE

Sessions

Food Security, Poverty and Sustainability | Sustainable Food systems and Argo-Ecological Food Production | Food Waste | Community Development for Food Security | Climate Impacts on Food Security

Session Chair: Rudra Bahadur Shrestha, Thai Nguyen University, Vietnam
Session Co-chair: Jonas Osei-Adu, CSIR-Crops Research Institute, Ghana

Session Introduction

11:20-11:45  Title: Profit efficiency of Nepalese vegetable farms: Policy implications for reducing poverty and improving food and nutrition security
Rudra Bahadur Shrestha, Thai Nguyen University, Vietnam

11:45-12:10  Title: Managing your international supply chain
Elise Forward, Forward Food Solutions LLC, USA

12:10-12:35  Title: The implementation of the DIVERCROP project in Algeria
Salah Bouchemal, University of Oum El Bouaghi, Algeria

12:35-13:00  Title: The patenting of life, limiting liberty, and the corporate pursuit of seeds
Ali Nizamuddin, University of Illinois Springfield, USA

Panel Discussion

Lunch Break 13:00-13:45 @ Lobby Lounge

13:45-14:10  Title: Effectiveness of participatory research to sustainable seed yam production: The case of the cay seed project
Jonas Osei-Adu, CSIR-Crops Research Institute, Ghana

Title: Can a panamanian food chain cut the mustard concerning food safety cultural compliance: A case study of the suvlas restaurant chain
Derek Watson & Sophia Pandi, University of Sunderland, UK

14:35-15:00  Title: Effect of organic farming on soil fertility, microbial diversity, growth and yield of tomato (Solanum lycopersicum) under rainfed red sandy loam soils of Karnataka, India
Ganapathi, University of Agricultural and Horticultural Sciences, India

15:00-15:25  Title: Commonly used food adulterants in Sri Lanka
Deepika Senevirathne, Government Analyst’s Department, Sri Lanka

15:25-15:50  Title: Changing gender roles in seed yam production among smallholder farmers in Ghana: Implications for food security
Joyce Haleegoah, CSIR-Crops Research Institute, Ghana
Title: Improved agronomic package for seed yam production by smallholder farmers in Nigeria and Ghana
Beatrice Aighewi, International Institute of Tropical Agriculture, Nigeria

Title: Value chain governance of African indigenous vegetables: Smallholders participation in Kenya
Abel B Otieno, Humboldt University of Berlin, Germany

Panel Discussion
Networking & Refreshment Break 16:40-16:55 @ Lobby Lounge
Young Researchers Forums

Title: Glean Hudson valley: Aligning abundance and scarcity for a just and equitable food system
Evelina S Knodel, Columbia University, USA

Title: Organoleptic assessment of edible vegetable oils with Imarsil® and activated charcoal
Oni Eniola Oluyemi, Federal University of Agriculture, Nigeria

Panel Discussion

Day 2 May 22, 2018

CONFERENCE HALL: TRIBECA 1

Keynote Forum
09:00-09:40 Title: Effects of modified atmosphere packaging on the shelf life of broccoli florets based on the amounts and activities of respiratory enzymes
Yoshio Makino, The University of Tokyo, Japan

09:40-10:20 Title: Salmonella metabolism and its effect on host colonization of food-producing animals
Katherine Miller, Food Safety Net Services, USA

Networking & Refreshment Break 10:20-10:40 @ Lobby Lounge
Workshop

10:40-12:10 Title: Developing successful food security projects around and in cities
Christopher Bryant, University of Guelph, Canada

Sessions: Agricultural and Food Economics | Food Safety and Food Inspection | Agriculture and Food Security | Quality Control & Management
Session Chair: Elise Forward, Forward Food Solutions LLC, USA
Session Co-Chair: Kingsley Osei, CSIR-Crops Research Institute, Ghana

Session Introduction

12:10-12:35 Title: Enhancing the productivity of farmer saved seed yam in Ghana: The positive selection factor
Kingsley Osei, CSIR-Crops Research Institute, Ghana

12:35-13:00 Title: Impact of flagship programmes on food security in India
M Sai Leela, St. Joseph’s college for Women, India

Panel Discussion

Lunch Break 13:00-14:00 @ Lobby Lounge

14:00-14:25 Title: Combination of multivariate analysis and image processing for detection of protein in cooked pork sausages by using visible near-infrared hyperspectral imaging
Chao-Hui Feng, The University of Tokyo, Japan

14:25-14:50 Title: Awareness and adoption of positive selection techniques in seed yam production among small holder yam farmers in Ghana
Bright Owusu Asante, CSIR-Crops Research Institute, Ghana

14:50-15:15 Title: Phenotypic responses of maize (Zea mays L.) for grain development under drought stress
Javed Hussain Umrani, Sindh Agriculture University, Pakistan

15:15-15:35 Title: Clean seed production in Ghana and Sub-Saharan Africa: The role of tissue culture and molecular biology tools
Marian D Quain, CSIR-Crops Research Institute, Ghana
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Panelists</th>
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<tbody>
<tr>
<td>15:35-16:00</td>
<td>Title: Researches on the use of post-harvest agricultural waste to obtain plant bio stimulators and bio fertilizers</td>
<td>Daniela Trifan, Agricultural Research and Development Station of Braila, Romania</td>
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<td>15:35-16:00</td>
<td><strong>Panel Discussion</strong></td>
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<td>16:00-16:15</td>
<td>Networking &amp; Refreshment Break</td>
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<tr>
<td>16:15-17:15</td>
<td><strong>Poster Presentations</strong></td>
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**Poster Judge: Christopher Bryant, University of Guelph, Canada**

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<tr>
<th>Poster #</th>
<th>Title</th>
<th>Author</th>
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<tr>
<td>P 01</td>
<td>Comparison of antioxidant activity of different species and strains of turmeric (Curcuma spp.) and identification of active compounds</td>
<td>Zahorul Islam, University of the Ryukyus, Japan</td>
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<td>P 02</td>
<td>The impact of environmental degradation through surface mining on sustainable agriculture in Ghana</td>
<td>Joseph King Junior, University of Tsukuba, Japan</td>
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<td>P 03</td>
<td>Home gardening, promising practice to improve food security in urban settings of Ethiopia</td>
<td>Fikralem Mezgebu Alemu, Addis Ababa University, Ethiopia</td>
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<td>P 04</td>
<td>Isolation and identification of antifungal compounds from turmeric (Curcuma spp.) and their activities on Fusarium solani sensu lato</td>
<td>Jesmin Akter, University of the Ryukyus, Japan</td>
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<td>P 05</td>
<td>The study of growth and physiological characters in Sorghum (Sorghum bicolor (L. Moench) introgression lines under post flowering drought stress</td>
<td>Sara Sintayehu, Haramaya University, Ethiopia</td>
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<td>P 06</td>
<td>Impact assessment of water supply technologies for sustainable rice production in Ghana</td>
<td>Charles Yamoah, Tsukuba University, Japan</td>
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<td>P 07</td>
<td>‘Positive selection’ a simple technique to reduce high virus incidence and seed yam degeneration in Ghana</td>
<td>Esther Agyemang Marfo, CSIR-Crops Research Institute, Ghana</td>
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<td>P 08</td>
<td>Obtaining food security through economically and ecologically sustainable methods can lead to positive psychological attitudes and a more productive society</td>
<td>Alexander Kvapil, St. Jhon’s University, USA</td>
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<td>P 09</td>
<td>Participation of rural women in Agriculture for poverty alleviation in Abeokuta metropolis, Ogun State, Nigeria</td>
<td>Fasasi-Hammed Raffat Bolanje, Federal University of Agriculture, Nigeria</td>
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**Panel Discussion**

**Award Ceremony**

**Thanks Giving & Closing Ceremony**